



*WASTE Application Form*

**SECTION A NON-TECHNICAL SUMMARY**

A Non-Technical Summary is to be submitted. The summary should include information on those aspects outlined in the Guidance Note and must comply with the requirements of Article 12 (1) (u) of the Waste Management (Licensing) Regulations, S.I. 395 of 2004.

The Non-Technical Summary should form **Attachment A.1**.

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**Attachment A1**

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**A.1.1 Nature of the Facility**

Killarney Waste Disposal (KWD) operate a Materials Recovery Facility at Aughacureen 4.5km northwest of Killarney Town under a Waste Permit from Kerry County Council allowing an annual waste intake for recovery of 16,500 tonnes. The site is 2.2 hectares in size and is located within a rural context. **Figure 1.1** shows the location of the facility. There are approximately 20 no. residences within 500m from the boundary of the facility. Most of residences are located on a ribbon development on the nearby road from Knockasarnet to Aghalee. The primary landuse in the vicinity of the facility is agriculture.

Killarney Waste Disposal propose to increase the waste intake at the facility to 40,000 tonnes per annum and provide an extension to the facility to incorporate a new processing building. Therefore an Environmental Impact Statement (EIS) is required together with the Waste Licence Application for the proposed increase in tonnage and facility extension. It is in this context that this EIS has been prepared by RPS-MCOS Ltd. for Killarney Waste Disposal.

The General Soils Map of Ireland indicates that the soil type in the area is podzolic. These are poor, acidic soils, typical of cool, damp climates. GSI Quaternary maps record Devonian Sandstone dominated Till (boulder clay) at the site location. The thickness of the subsoil deposits in the area can reach up to 30m in places while elsewhere the subsoil is absent (at outcrop) or less than a metre. The GSI has classified the shale and sandstone bedrock underlying the site as a locally important aquifer which is moderately productive only in local zones.

The Killarney Waste Disposal facility is located in the catchment of the Glanooragh River which flows to the Gweestin River c.10km downstream of the facility. The Gweestin flows for a further c. 10km before joining the River Laune.

**A.1.2 Classes of Activities as specified in the Third and Fourth Schedules of the Act**

The proposed waste disposal activities out under the Third Schedule are the Classes 11, 12 and 13. The waste recovery activities carried out under the Fourth Schedule are the Classes 2, 3, 4, 11, 12 and 13. The principal activity is Class 4 under the Fourth Schedule.

**A.1.3 Quantity and Nature of the Waste**

A total of 16,500 tonnes per annum of non-hazardous waste is currently accepted by KWD. The facility currently accepts municipal waste arising in County Kerry from domestic and commercial sectors. KWD also provides it own collection service for the customers. It is proposed to increase the annual waste intake to 40,000 the breakdown of which is shown below in Table 1.1.

**Table 1.1 Waste Types and Quantities Proposed**

Waste Type	Maximum Tonnes per Annum
Household	8,000
Commercial	15,000
Construction & Demolition Waste	17,000
<b>Total Waste</b>	<b>40,000</b>

**A.1.4 Operations**

Drawing No. 02-034-J4-MCOS2 provide details on the Proposed Site Layout Plan.

The proposed operating hours and waste acceptance hours are as follows:

07:00 to 20:00 Monday to Saturday inclusive and 07:30 to 19:30 Monday to Saturday inclusive respectively.

The following waste types are accepted for recovery and disposal:

- i) Mixed municipal Waste;
- ii) Source segregated waste, which includes organic waste and dry recyclables (plastic (bottles and film), paper, cardboard and packaging waste, glass, metals);
- iii) Wood;
- iv) Construction & Demolition Waste.

Incoming waste is weighed on the weighbridge near the site entrance and the following information is recorded for the site records:

- Description of the waste including waste types, composition, form and relevant EWC Code
- The origin of the waste including customer details
- The weight of the waste load.

Then the waste is tipped into the Material Recovery Facility MRF and inspected prior to processing. Any suspect load is removed to the quarantine area for further inspection and if non-compliant is returned to the customer. Details on the processing of the different waste streams are shown in Section D.2.

#### A.1.5 Emissions and Treatment

The processing of the mixed municipal waste produces an effluent. The existing processing shed drains to a holding tank of 4.55m<sup>3</sup> capacity. Approx. 6.8m<sup>3</sup> of effluent is produced per month based on outgoing weighbridge dockets from facility. The effluent is stored in the holding tank and transported to Killarney WWTP for treatment. The new processing building will have a similar effluent collection system.

A stormwater treatment system is proposed on site. An interceptor for oil and solids separation is currently in operation on site and it is proposed to direct stormwater runoff from the interceptor to a lagoon and then to a reed bed which will discharge the treated stormwater to a percolation area. The Proposed Site Layout Plan and Drawing No. DG0002-01 provides details on the layout of the stormwater treatment system. Attachment D.1k provides more details on design of the system.

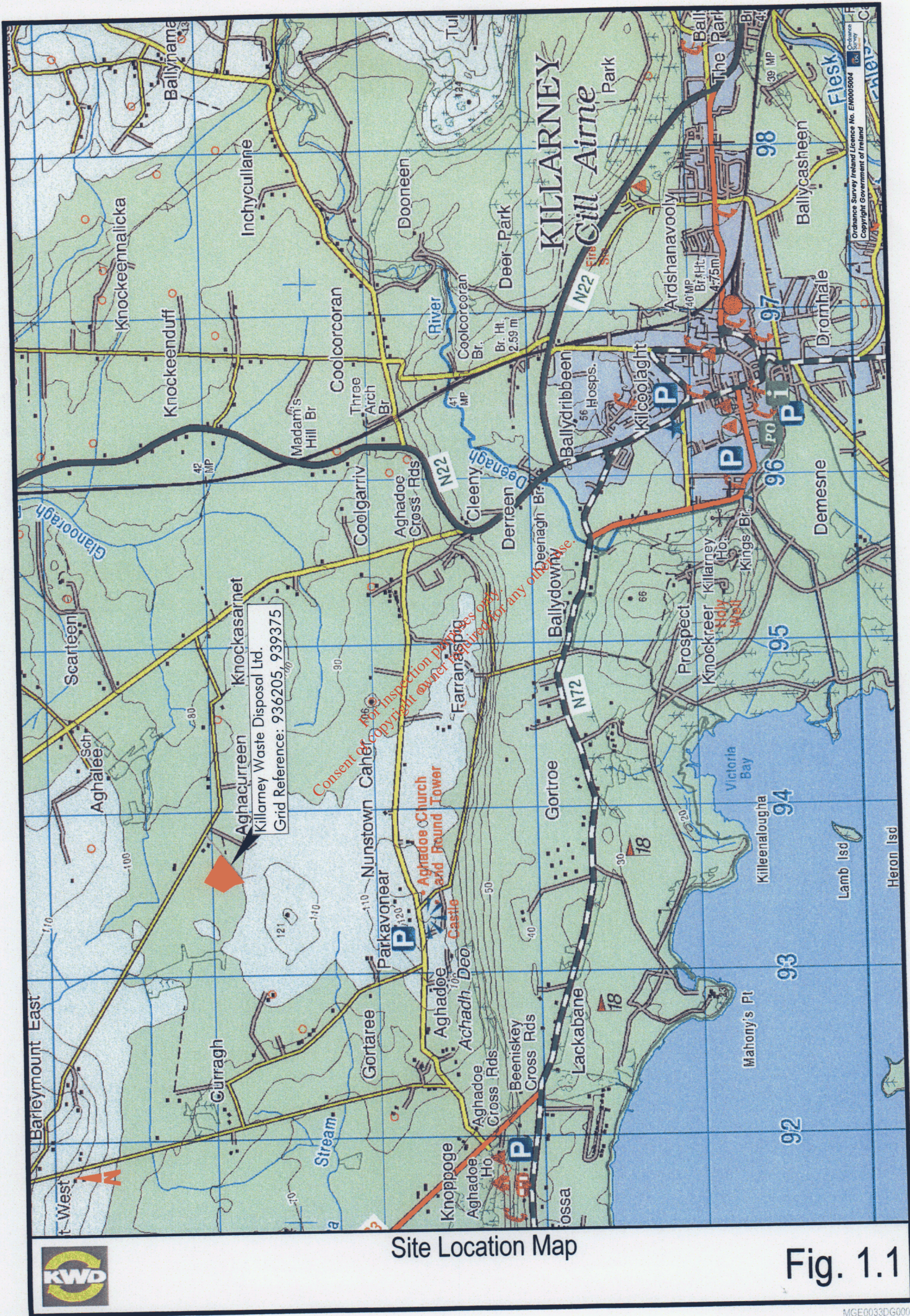
A septic tank is in use on site and a Puraflo system is proposed, which will be designed to cater for 12 people at 180 litres per person per day. This equates to a discharge quantity of 2.16 cubic metres per day to be treated by the system.

#### A.1.6 Environmental Impacts

The potential impacts of the extension to the facility on the environment with proposed mitigation measures are detailed in Volume II of the EIS. The following categories were assessed:

##### (a) Human Beings

- Community Effects & Material Assets
- Traffic
- Air Quality
- Noise & Vibrations



Site Location Map

Fig. 1.1





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**(b) Natural Environment**

- Geology, Hydrogeology
- Water Quality
- Terrestrial Flora & Fauna
- Landscape
- Archaeology & Cultural Heritage

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**SECTION B GENERAL**

**B.1 Applicant's Details**

**Name\*:** Killarney Waste Disposal Ltd  
**Address:** Auhacurreen,  
Killarney,  
Co. Kerry  
**Tel:** 064 32458  
**Fax:** 064 38661  
**e-mail:**

\* This should be the name of the applicant which is current on the date this Waste Licence Application is lodged with the Agency. It should be the name of the legal entity (which can be a limited company or a sole trader). A trading/business name is not acceptable.

**Name and Address for Correspondence**

Only application documentation submitted by the applicant and by the nominated person will be deemed to have come from the applicant.

**Name:** Mr. Sean Murphy, Killarney Waste Disposal Ltd  
**Address:** Auhacurreen,  
Killarney,  
Co. Kerry  
**Tel:** 064 32458  
**Fax:** 064 38661  
**e-mail:**

**Address of registered or principal office of Body Corporate (if applicable)**

**Address:** As above  
**Tel:**  
**Fax:**  
**e-mail:**

If the applicant is a body corporate, the following information must be attached as **Attachment B1**:

- a) a Certified Copy of the Certificate of Incorporation or Memorandum and Article of Association;
- b) the Company's Registration Number from the Companies Registry Office; and
- c) a list of the Company Directors.

Mr Sean Murphy is the Company Director. The company registration number is 229987 and a copy of the Certificate of Incorporation and Certificate of Registration is included in Attachment B1.